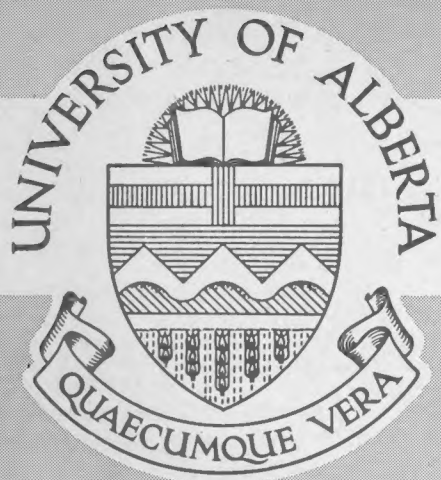




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The NEW TRAIL

*A quarterly publication of the University of Alberta
and its Alumni Association*

MEMBER AMERICAN ALUMNI COUNCIL

WINTER, 1957-58

VOLUME XV, No. 3

Published in Edmonton, Canada, and authorized as Second Class Mail, Post Office Dept., Ottawa

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STAFF

Editor and Business Manager: A. G. Markle, Alumni Office, U. of A.
Advisory Board: Dr. Andrew Stewart, C. M. Macleod, Dr. J. W. Chalmers

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"THE BURNING WORD"

—By GEORGINA THOMSON '19 '25

The late Professor Edmund Kemper Broadus was already something of a legend when I came to the University of Alberta as a freshman in the fall of 1915, and our seniors enjoyed making us shiver with tales of his sarcasm and severe marking. We comforted ourselves with the thought that we were safe for at least a year or so, as Dr. Broadus conducted only the senior courses in English. It was with dismay, therefore, that we learned that he was introducing a new course, or partial course, for the freshman class. This would consist of one lecture in two weeks based on a little textbook which he himself had written, called "Studies in Oral English." I still own and treasure this gray-covered booklet, and the anguish it caused me some forty-odd years ago has long since faded into a gentle nostalgia.

Ours was a large class until enlistment removed most of its male members, and we filled one of the larger classrooms of the newly occupied Arts Building. The day of Dr. Broadus's first lecture, there was a noticeable preference shown for the back seats, and an attempt to make ourselves as inconspicuous as possible.

Dr. Broadus entered in his ragged gown of rusty black (both students and professors being required to

wear gowns in those days) and regarded us solemnly through the smoked glasses which he always wore, while his characteristic little palsied shake of the head, accentuated his Vandyke beard, made his appearance still more portentous to us. After roll-call, he told us in his clipped Harvard enunciation with still a trace of his native Virginian, just what the course would involve. The purpose was set forth in the preface of the text, to be:

"(a) For practice in reading; (b) for study and class-discussion of the meaning and connotation of words. For this purpose, in each selection, words to which the students' attention is particularly directed are printed in italics. If the italicized word is archaic, the student will be expected to substitute the appropriate modern word or phrase. If the italicized word is modern, the student should be prepared; (1) to give the precise meaning of it; (2) to give synonyms for it; (3) to construct a sentence (not a paraphrase of the text) in which the word is appropriately used; (4) to give an opinion as to what the author meant to suggest by it; what associations or ideas the word evokes; why, in short, the author used that particular word rather than some synonym or dictionary-equivalent for it."

We knew we were for it!

Dr. Broadus then assigned for the next lecture, the first lesson, which was entitled, "Two Masters of Plain English" followed by the quotation from the Book of Proverbs: "A word fitly spoken is like apples of gold in pictures of silver." The lesson consisted of an extract from Dryden's "Essay on Dramatic Poesy" and one from Samuel Johnson's "Life of Dryden."

We were told to come next day prepared to read these passages aloud before him and the class in such a way as to bring out clearly what the writers intended to convey. We were also to be prepared to deal with all the italicized words according to the directions given in the preface.

Spurred on by fear of the awful consequences if we were not so prepared to do, we fell upon our dictionaries and thumbed them through more assiduously than we had ever done in our lives before. Our findings were then written into the margins of our texts so that they might be readily available in time of need. The margins of my copy are filled with such pencilled notations.

"You seldom find him making love in any of his scenes," says the text, referring to Ben Jonson, "or en-

deavoring to move the passions; his genius was too *sullen* and *saturnine* to do it gracefully, especially when he knew he came after those who had performed both to such a height. Humour was his proper *sphere*; and he delighted most to represent *mechanic* people. He was deeply *conversant* in the Ancients both Greek and Latin, and he borrowed *boldly* from them."

Here Dr. Broadus fixed his eyes, or rather his smoked glasses, upon a luckless youth whose name I forget, and asked him if Dryden was insinuating here that Ben Jonson was a plagiarist. The youth squirmed but did not answer.

"What is a plagiarist?" asked the Professor.

The youth conferred anxiously with his neighbor, who happened to be George V. Ferguson, and then answered, "A plagiarist, Sir, is a sort of literary thief."

"Yes," said Dr. Broadus, "for instance if I asked you a question for which you obtained the answer from Ferguson and then gave it as your own, you would be a plagiarist." It is a word which I do not think any of us will forget.

And so we progressed word by word to Section II, "The Prose and the Verse of it." with Mallory's and Tennyson's parallel versions of "The Casting of Excalibur" and Dorothy and William Wordsworth's descriptions of the daffodils, and finally "The Story of the Revenge" by Robert Louis Stevenson and Tennyson. Our progress was very slow, for each italicized word was a battleground, while the halting rendition of the various selections by students was a painful process.

Dr. Broadus knew very few of us by sight, and his method of choosing his victims was to start at the top of the roll one day and at the bottom the next. It was the day for the end of the alphabet and Dr. Broadus fixed upon Lily White to read from Tennyson's "Revenge." Those who remember Lily (now Mrs. Harold Inglis of Wetaskiwin) will recall how her name suited her, for she was fair,

dainty and feminine, with a small twittering voice in keeping. Not too dismayed, she began to read:

"He had only a hundred seamen to work the ship and to fight, And he sailed away from Fores till the Spaniard came in sight, . . ."

She got as far as, "And Sir Richard said again: 'We be all good Englishmen.

Let us bang these dogs of Seville, the children of the devil,

For I never turned my back upon Don or devil yet.'"

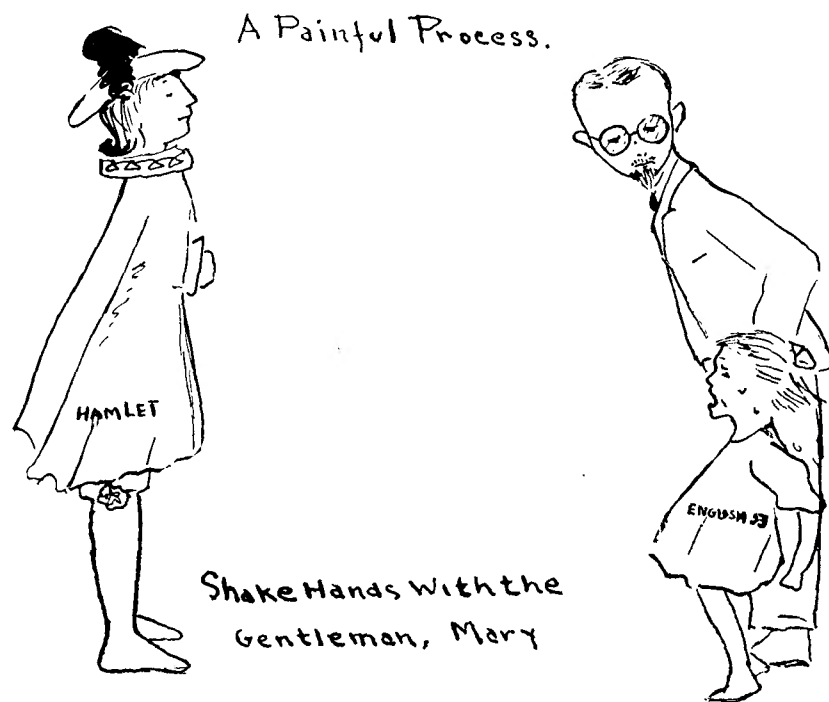
Here in a cold and awful voice Dr. Broadus stopped her. "Miss White," he said, "reading aloud is supposed to give pleasure to the listeners. Your reading does not give me any pleasure whatsoever."

We all felt deep sympathy for Lily and shivered vicariously, but she did not take it too seriously, passing it off with a little laugh and a shrug. Dr. Broadus's eye then lighted upon George Ferguson, he of plagiarist fame, and he called on him to read the poem.

George would read a stanza or too and pause tentatively, only to be

signalled on by the professor, who was pacing back and forth across the room, a pleased smile on his face. At the end he was not sparing with his words of commendation and we others basked in the reflected glory of the reader. George V. Ferguson is now a distinguished editor and a frequent commentator on C.B.C., and I never hear his voice without recalling this his early hour of triumph.

As time went on I began to feel secure, because at whichever end of the roll Dr. Broadus began, he never seemed to get as far as me. Then one day when he was calling the names, he stopped at mine, raised his eyes and regarded me for what seemed a very long time as I gazed back with a fearful fascination at the smoked glasses and oscillating vandyke. Sure enough, as soon as the roll-call was finished, he began on me, not just one question but a series, one after another. I struggled to make some intelligent answers, but so great was my nervous tension that I cannot remember what he asked me nor what I answered. It was all blotted out by shock!



With only one class in two weeks plus our collective stupidity, we made poor headway. We stumbled somehow through Section III, "The Nimble Word," and Section IV, "The Graceful Word," but before we got to "The Vigorous Word," "The Pregnant Word," "The Burning Word," and "The Inevitable Word," the term was almost over. There was to be only one more class in oral English.

According to regulations in my day, students were allowed a certain number of "skips" of lectures (I think it was eight), in each course and if we absented ourselves oftener than this without a medical certificate or other proper excuse, we would not be allowed to write the final examination.

When the day came for our last class in oral English, many of those who had not exceeded the permissible number of skips, decided this was the day to take one. Accordingly, when Dr. Broadus came into the room, he faced mostly empty chairs. He took in the situation at a glance through the smoked glasses, the slight increase in his palsy seeming to express more sorrow than disapproval.

After roll-call, so sparsely responded to, he turned to us faithful few. Since in this one short hour we could do but little with the still uncovered sections of the booklet, he told us he had decided to spend the time reading to us from his own favorite selections and purple passages from what remained.

With a sigh of relief we settled back to enjoy this unexpected reward of virtue. Here was a new Dr. Broadus, no longer sarcastic and exacting, but a friendly person, sharing with us his delight in the beauty and power of the written word. And how well he read—not in an elocutionary nor oratorical way, against which he had warned us in his preface, but with beautifully clear enunciation that made everything he read plain to understand, and a warmth and ring to his voice at parts that stirred his

emotions, that sent responsive quivers up and down our spines.

The hour sped away. I do not remember all the passages read, but when we came to "The Burning Word," he began to read from "Drake's Drum" by Sir Henry Newbolt. Remember this was in the spring of 1916 and World War I was nearly two years old. We had been through the retreat from Mons, the Battle of the Marne, Ypres, Festubert, St. Eloi and many another battle of heroic significance. The German submarines were preying on our shipping and taking a great toll of human life as well as supplies.

Dr. Broadus read on:

"Drake he was a Devon man, an'
ruled the Devon seas,
(Capten, art tha sleepin' there
below?)
Rovin' tho' his death fell, he went
wi' heart at ease,
An' dreamin' arl the time o'
Plymouth Hoe.
"Take my drum to England, hang
et by the shore,
Strike et when your powder's
runnin' low;
If the Dons sight Devon, I'll quit
the port o' Heaven

An' drum them up the Channel
as we drumm'd them long
ago."

It was the Huns, not the Dons, we faced, but our powder was indeed running low. Every newspaper carried its long casualty list. There was probably no one in the class who had not some loved one overseas, or was about to go himself. Yet as we listened to that strangely vibrant voice in that quiet room, we felt there was nothing to fear, nothing we could not face. The spirit of Drake was still alive—the unconquerable spirit of Britain.

These last pages of my little book have no pencilled notes. There was no need, for the words were indeed burning words, and they were written on our hearts.

Dr. Broadus must have regarded the experiment as a failure, for as far as I know, he never gave the course again. I wonder how many of his little gray books are still in existence! For myself, I have always been glad I was one of the guinea pigs, one of the fortunate few who took oral English with Dr. Edmund Kemper Broadus.

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Model Drug Store on Campus Undergoes Face-Lifting

The sign says "To Our Patrons", but the store lacks a business license and its well-stocked shelves never have sold an article.

Canada's most complete model drug store underwent a face-lifting in the Medical Building recently.

Since 1948, the educational drug store has been used as a demonstration centre for the teaching of business administration to pharmacy students. Tips on salesmanship, display and store traffic have been pointed out through the use of a scale model.

The store is authentic to the last detail. As an exercise for students, displays are tied in with classroom themes and are actively used in teaching.

The model store is unique for its completeness. Included are display windows, a shop area and dispensary section. The shop has 150 square feet of floor space, while the dispensary has 60 square feet. Linoleum tile and fluorescent lights add authentic touches to the scene.

Display counters feature sliding glass doors and slanting panels for convenience. On the shelves are special drug jars once seen in drug stores throughout Alberta, but now a rarity imported from Holland. Ranging in size from a cup to a quart, the containers once held crude leaves from which drugs were extracted and mixed. Now the jars are empty and are only a historical reminder. At least one is similar to a teapot and was used for creating a "brew".

In the dispensary at the back of the store, drugs are filed in alphabetical order in cupboards.

Salts are contained in large jars in a separate section. Below are syrups common to housewives. Flavourings of lime, lemon, orange or pineapple are added to some drug prescriptions to improve the taste. At the other end of the scale are chemicals familiar only to druggists.

While only one or two students may prepare prescriptions at a time in the drug store dispensary, an adjoining laboratory provides facilities for 36 students. Each desk in the

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laboratory duplicates the dispensary. Drugs are in alphabetical order, while balances, weights, glassware and filter paper are available.

Two telephones in the laboratory connect with a master telephone in a nearby room. An instructor may outline a prescription to a student over the telephone, and ask the pupil to prepare it. This duplicates actual conditions in a drug store. Other laboratories also are located on the third floor of the Medical Building.

A machine in the lab checks the radiation level, while in an adjoining room a slab of radioactive phosphorus prepared by the Chalk River plant warns visitors against touching.

To the west, a room with 300 caged rats serves as testing ground for radioactivity and chemicals. An adjoining area is equipped with a tablet manufacturing machine capable of producing one tablet per second. At the heart of the chain of laboratories is the model drug store.



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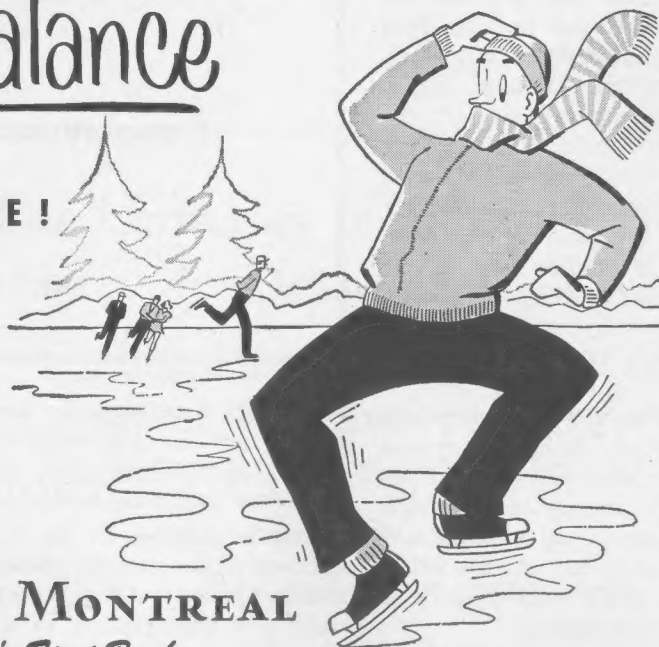
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October 26 - November 1

The University of Alberta will celebrate its Golden Anniversary this Fall, and special programs to commemorate the event are planned to start Sunday, October 26, and continue through Saturday, November 1.

Preparations to celebrate the Jubilee are well advanced and in the hands of a committee chaired by Dr. Andrew Stewart, President of the University. Other members of the committee are Dr. Walter Johns, Vice-President of the University, serving as vice-chairman; Mr. P. Galbraith, Red Deer; Dr. W. B. Parsons, Red Deer; Dr. G. F. McNally, Mr. Elmer Roper, Dr. J. M. MacEachran, Mr. Wilfred Pilkington, Dr. Sperry Fraser, Miss Mary Crawford, Mr. J. C. K. Madsen, Mr. George Samuel, all of Edmonton.

The University's Golden Jubilee activities will include:

Sunday, October 26: Service in Convocation Hall at which Dr. J. B. Thomson, Dean of the Faculty of Divinity at McGill University, will be guest speaker.

Monday, October 27: A special Convocation; plans are being made by the University Senate.

Tuesday, October 28: Friends of the University will sponsor H. M. Tory Memorial Lectures on Tuesday and Wednesday evenings on the campus.

Wednesday, October 29: Citizens' and Alumni Day. It is hoped that the cornerstone for the new Physical Education Building will be laid.

Thursday, October 30: Plans are being made by the Science Association. It is hoped to officially open the Biological Building wing and probably initiate the construction of the addition to the Medical Building and the new Mathematics, Physics, and Chemistry Building on the campus.

Friday, October 31: The University Senate will meet either in Edmonton or in Calgary, and a special program is being planned by the Humanities Association and the Philosophical Society on the campus.

Saturday, November 1: It is expected that the regular University Fall Convocation will be held in Calgary and formal beginning will be given to the construction of the first building on the new Calgary campus site.

Detailed planning for the week-long celebrations is in the hands of Mr. H. R. Hawes, assistant to the Registrar, who will serve as executive secretary of the Jubilee Committee.

In addition to formal programming, two notable publications will appear in the University's anniversary year.

Dr. John Macdonald, former Dean

of Arts and Science and Professor of Psychology and Philosophy at the University, has written **A History of the University of Alberta—1908-1958**, which is being published by W. J. Gage and Co. The history will be illustrated and it is anticipated that it will be available at the time of Spring Convocation, Friday, May 16.

Dr. W. H. Alexander, the first Professor appointed to the staff of the University in 1908, has written a volume entitled **The Book of Catullus of Verona**, with introduction, text, translation and notes. The manuscript has been typed in duplicate. The original has been microfilmed and copies of the microfilm will be distributed to Universities in Canada, the Commonwealth, and the United States, in this way announcing the University's Golden Jubilee. The original manuscript will be bound in green morocco with gold stamping and prepared by Ernie Pywell of the University Press. It will be preserved in the Rutherford Library. The carbon copy of the manuscript will be bound in a working binding and will be available for loan from the Rutherford Library.

By way of insuring that the University's Golden Anniversary will be all embracing, an effort is being made to locate those of the 364 original members of Convocation who are still living. Special recognition will be accorded them on Tuesday of Anniversary Week.

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Old Hockey Stars Battle Golden Bears

Several former Golden Bear hockey greats returned to the Varsity rink in February to just-about upset the present Bears in an exciting hockey tilt.

After the smoke had cleared, the "youngsters" emerged with a 5-4 victory.

Goals for the old pros were scored by Bruce Stewart, Bill Masson, Walt Buck and Dr. Don Stanley. Coaching the alumni crew was Stan Moher, coach of the Bears back in the 1930's. In the lineup were: Jumping Joe Moran, Bill McLean, Bruce Stewart, Walt Buck, Dr. Don Stanley, Clare Drake, Jim Hole, Ken Cox, Don Kirk, Bob McGhee, Ted Scherban, Bob Ramsay, Bill Masson, and Jerry Patsula.

Dr. Don Smith of the School of Physical Education had this to say, "When we get artificial ice, the annual alumni game will become a big event during Varsity Guest Weekend—like homecoming weekends at United States colleges".

Joe Kryczka, president of the Block "A" Club, which sponsored the game said, "This year was the tough one. Now that the game is started it will be easier to bring former Golden Bears back each year and build it into a big event".

To Study Trends In U.S. Education

Professor R. S. MacArthur of the University of Alberta's Faculty of Education was one of four British Commonwealth education administrators awarded Carnegie Corporation grants recently.

Dr. MacArthur, whose grant is for three months, will study current trends in educational research in the United States. He will concentrate on education psychology.

He has taught in various parts of the province and during the Second Great War was an instructor with the RCAF.

He joined the University of Alberta as an instructor in physics in 1947.

He later worked with the department of education in New South Wales, Australia, and with the Alberta department of education as superintendent of schools in Grande Prairie.

Dr. MacArthur has also taken an active part in the work of the Canadian Education Association and

has held his present position since 1955.

He has published several books in the Faculty of Education and a number of articles on education.

He was a Carnegie Fellow at the University of London Institute of Education and a British Council Scholar at the same school.



Hyndman New Students' Union President

Five out of seven positions on the U. of A. Students' Council for 1958-59 were filled by acclamation.

One of these was automatically filled by Louis Hyndman, a second year law student, when a second candidate for Students' Union president was declared ineligible to run.

Miss Ruth Buchanan will serve as president of the Wauneita Society.

Academic Cup For "Tri-Delts"

A coveted award among university women's fraternities, the academic cup, is presented annually at the Panhellenic banquet to the chapter with the best scholastic standing on the campus.

Miss Maimie S. Simpson, Dean of Women and herself a member of Delta Delta Delta, presented the cup to the chapter president, Carol Williamson.

Fraternity members and alumnae of the four chapters on the University of Alberta campus and other women's fraternities attended the banquet.

English Expert Joins U. of A.

An expert on adult education from England, George T. Potter has arrived in Edmonton to become extension assistant at the University of Alberta.

The Extension Department announced he will help direct evening classes conducted by the Department in Edmonton, Calgary and Lethbridge, and will lecture on politics, economics and social affairs.

For the past 2½ years he has been a lecturer and administrator in adult education with the University of Oxford delegacy for extramural studies.

Extension officials here say he is a product of the English adult education movement, having made his way via a two-year course in social studies at the British Co-operative College in Loughborough to a degree in philosophy, politics and economics at Oriol College, England.

Increasing Facilities For Dental Training In Canada

Facilities for dental students are being doubled at some Canadian universities, while others have undertaken major expansion programs.

Dalhousie University, Halifax, is doubling the capacity of its Dental School. At the University of Toronto, a new school is planned to graduate 125 students a year, practically doubling the present total.

A new school in Winnipeg is expected to begin classes this fall. At the University of Alberta, increased facilities on a major scale are planned.

It is possible that 200 dental students will be graduating in Canada each year. In past years, the number of graduates was not greatly in excess of the losses due to death and retirements.

The national association has a total membership of 5,600 across Canada. Approximately 2% of the practitioners are women, compared with 80% in Finland.

Classics Head Publishes New Novel

Dr. W. G. Hardy has been receiving the plaudits of the people of the Province for the excellence of his most recent novel, **The City of Libertines**.

One of his reviewers had this to say,

"The arrival of a new novel by W. G. Hardy is an event of importance, both to readers who are not concerned with the origin of books they read, providing the story is exciting and satisfying, and to those who are interested in the literary and artistic life of the province. Dr. Hardy, head of the classics department, University of Alberta, satisfies both with a novel that is at once a terse, forceful, exciting and stimulating narrative, and a scholarly analysis of a period in Roman history which has meaning even today to the civilizations across the face of the world—that period of Rome's history we know as the First Triumvirate of Caesar, Pompey, and Crassus."

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The President's Desk

Much of the correspondence directed to the President recently has been dealt with by Vice-President Johns. Many of you will know how much it means to have a really good deputy.

We have been through the annual process of devising the operating estimates for next year, and the planning of expansion of buildings. By the time you read this the University estimates will have been passed by the Legislature. The Government of the Province has been most considerate to the needs of the University, and we hope that the Legislature will give its support.

The President of the University of Alberta, is this year, President of the National Conference of Canadian Universities. Representations have been made to the Government of Canada on the needs of the Universities. We will probably have to wait until after March 31st to get any

action; but there is no evidence that any of the parties is lacking in appreciation of the importance of the Universities to the welfare of the country.

We attended the Canadian Conference on Education in Ottawa. The support for expanding assistance to education was not surprising. What interested me most was that the 800 delegates seemed convinced of the value of variety and diversity in education. The resolutions as adopted by the Conference are clear evidence that Canadians are not prepared to force all young people into a single, simple educational pattern; that Canadians recognize the right of the individual to choice in the matter of his education; that Canadians believe that educational programs should be well-adjusted to the student as a human personality.

This seems to me refreshing evidence of an essentially sound philosophy of education.

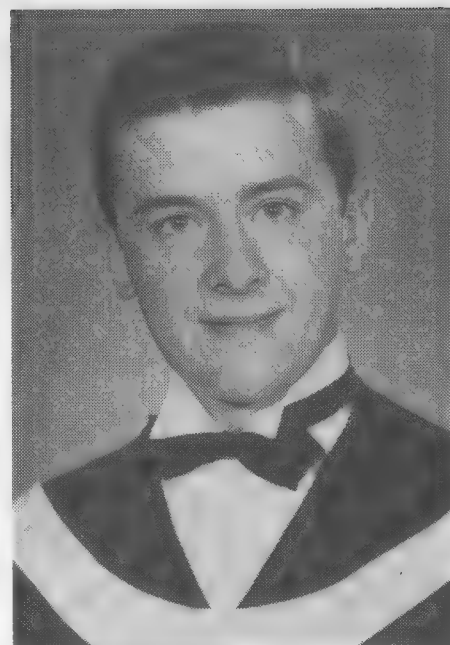


Spring Convocation



Friday ————— May 16

JUBILEE AUDITORIUM



Rhodes Scholar From Calgary

Gary Conrad Vernon, 22, of Calgary, is the University of Alberta Rhodes Scholar for 1958. Vernon is a fourth-year honours history student at the University. A former resident of Blairmore, he graduated from Crescent Heights High School in Calgary. Earlier this year, he received the Hudson's Bay Scholarship in history. He will attend Oxford University next autumn, completing post-graduate research in either military history or French mediaeval history.

In addition to a Rhodes Scholarship, Gary has been awarded a Norwegian Government bursary which will enable him to attend summer school at the University of Oslo.

The bursary is to the value of 2,000 Kr. The summer school offers a wide range of courses in English on Norwegian life and culture. New in 1958 is a travel seminar on industries in Norway. The summer schools were launched in 1947 by the Norwegian Government and are designed to bring Canadian university students into closer contact with contemporary Norway.

From Oslo, Gary will continue to Oxford, England, to undertake further studies.

Football In 1959?

Representatives from the universities of British Columbia, Saskatchewan, Manitoba, and Alberta met recently and machinery was set in motion that may well bring football to the U. of A. in 1959.

Dr. Maury Van Vliet, director of Alberta's school of physical education has stated that the representatives agreed that the proposed organization "would provide broader competition and a closer relationship between students of the four institutions, and might lay a foundation for nationwide Canadian college competition and championships".

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An Open Letter

—MARY B. F. SILCOX

Edmonton University Women's Club

Greetings to you, young women of the class of '58. Congratulations too, on attaining your objectives after the many hours of hard work and study.

I, too, am a graduate of a Canadian university, and I, too, accepted my degree and went forth to start my career, filled with ambition and confidence in the future. Since that time I have learned that a graduate has moral responsibilities to fulfill if she is to enjoy that future. I do not mean that all of us must necessarily become public personalities, but I do believe that it is our responsibility to support those who do. Membership in the Canadian Federation of University Women is a means of doing this, so may I speak for its some 8,000 members in telling you something of what the Federation is, and at the same time invite you to become one of us?

Membership is open to a woman graduate of any accredited university. I am well aware of the many adjustments to be made at the commencement of professional life, but I would say that the invitation I extend to you is not expensive, nor any more time consuming than one cares to make it. However, in accepting it, you will become not only the member of a very fine club but also part of the voice of about 175,000 university trained women, drawn from about 48 countries. For that is the extent to which our international federation has already grown.

The status of the university woman did not always enjoy the prestige it has to-day. In my own lifetime I have heard women tell of being barred from certain faculties because of their sex, and later of others being

grudgingly admitted to certain classes only to be refused their right to qualification after completing the course—because of their sex. Can you imagine yourself being forbidden to talk to, or walk with a man student on your campus? Only 50 years ago you might have been. The women who demanded the right to higher education which we now take for granted, had to fight masculine opposition at every turn. An age old view point had to be changed, and changed it was by our sister graduates of some years ago. If we compare our present situation with that of our grandmothers, we will find that enormous progress has been made on our behalf, not only in sex equality but in rights to higher education, consideration in legal matters and even in the right to work in certain professions.

I have never met you personally but statistics tell me you are a young woman of superior intelligence and high ideals. Therefore, I know you are a thoughtful person and will not, I am sure, be content to accept what has been done for you by others and offer nothing in return. By our strength in numbers we shall be heard and by our collective voice as competent women we shall be in a position to contribute to a better world understanding. Some day you may have daughters, as many of us have. Let us hope they will be proud of the stand we took in contributing to their improved status as women.

There are many reasons why I hope you will want to join us. For example, the International Federation of University Women, of which Canada is a member, seeks to assist women, regardless of race or social position, to obtain the same educa-

tion it has been your privilege and mine to receive. In Canada alone, we support four fellowships open to women graduates for further study. Many of our local clubs offer bursaries to undergraduate women and some maintain student loan funds. Perhaps you yourself were helped complete your degree by our efforts.

Another interest of ours has to do with the legal and economic status of women. While you may not yet have been affected by the topics of our special studies, none of us is immune to their implications. We would like you to be aware of laws concerning succession duties with respect to women. You will have heard of legislation concerning equal pay for equal work. If it has been enacted in your province, are you sure that the act will be administered exactly as it reads? Have you perhaps thought of marriage, and if so, are you familiar with laws concerning, for instance, the domicile of a married woman? Can you honestly admit that you are in a world apart from these problems, common to us all. Your membership in our Federation will show that you can not.

We are interested too, in those less fortunate than ourselves. By the Grace of God, those of us in Canada have felt but little of the ravages of war. We are well aware though, of the many women who have been displaced, and have lost all material possessions, suffered mentally and physically, not to mention having lost the opportunity to complete their education. We have shown our compassion through the work of our International Relations committee both in gifts and by morale-building correspondence.

(Continued On Page 16)

Alumni Homecoming 1958



ANTICIPATION

Presentation to Dr. W. H. Alexander, left, first academic appointee, University of Alberta.



CELEBRATION

Chancellor Scarlett, Mrs. H. R. Th Scarlett, Mrs. Andrew Stewart, Dr. H. R. Thornton, Honorary President 1933.



COGITATION

Members of Silver Anniversary Class '33 signing the Guest Register and picking up their sterling silver mementoes. Mrs. Clare Hollingsworth, Clare Hollingsworth '33, Miss Nellie Holmgren '33, George Docherty, Miss Kathy Manning.

Alumni coming Ball 1958



PERAMBULATION

Wilfred Pilkington '33 and Mrs. Pilkington
stepping out in the Grand March Promenade.



CELEBRATION

or Scarlett, Mrs. H. R. Thornton, Mrs.
s. Andrew Stewart, Dr. Stewart, Dr.
nton, Honorary President, Class of



SPECULATION

Ken Glover, President of 1958 Senior Class committee, explaining layout of proposed
Jubilee Gymnasium project to George Porozny '52 '55 and Mrs. Porozny.

(Open Letter Continued)

Will you think of some of these things when considering membership with us? Remember too, that a very small percentage of our Canadian population is able to complete a university degree program. By your special training and abilities, you are needed in an organization such as ours.

Since I have been a graduate for some years, I can speak of the satisfaction that comes from associating with women whose academic background is similar to mine, but I must leave you to learn for yourself of the intangible rewards that come from belonging to this world sisterhood. Federation membership is the key that will unlock the door to world friendships and world ideas.

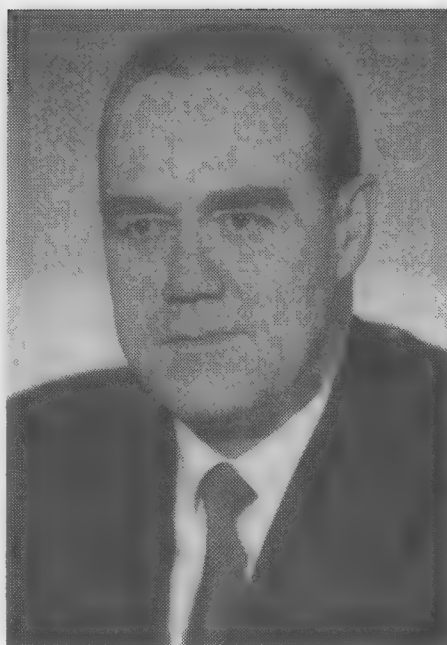
Since our members are of all ages, perhaps you know someone who has dropped from our ranks through pressure of work or lack of time. Will you show them this letter so that they will be reminded that belonging to the C.F.U.W. brings a satisfaction far beyond physical presence at meetings. Tell them too, that women all over the world continue to be concerned with the same problems as we are. By our common interest shall we show our appreciation of the many privileges we already enjoy, and have the moral satisfaction of carrying on what already has been started.

I have tried through this letter to give you some idea of what membership in the C.F.U.W. means to about 8,000 Canadian women. I should very much like to meet you and tell you more.

With every good wish for your success in your chosen field after graduation,

OCTOBER 29

●
ALUMNI—CITIZEN'S
DAY



New Dean of Dentistry

Dr. H. R. MacLean '28, has been appointed Dean of the Faculty of Dentistry to succeed Dr. W. Scott Hamilton, both changes to be effective September 1.

Dr. Hamilton has had a long, distinguished record of service at the University, having joined the staff as instructor in operative dentistry in April, 1926. In May, 1942, he was made Professor, and Director of the School of Dentistry, and in 1946, when the School was raised to the status of Faculty, Dr. Hamilton was named Dean. Dr. Hamilton is a Fellow of the American College of Dentists, and also a fellow in Dental Surgery of the Royal College of Surgeons of England. During the past 16 years, Dr. Hamilton has done much to develop the staff, facilities, and curriculum of the Faculty of Dentistry, in order to bring these up to the standards necessary for modern dental education.

Dr. MacLean is a native of Cornwall, Ontario, and a 1928 graduate of the Faculty of Dentistry at the University of Alberta. He has been a member of the staff in operative dentistry since 1936, and head of that department since 1949. Dr. MacLean is a Fellow of both the American

New Members Named To University Senate

Three new members were named recently to the University Senate. They are:

Mrs. W. Andrews, Lethbridge, replacing Mr. G. O. Hicks as a representative of Public Education. Mrs. Andrews has been active in the field of education in the Lethbridge district, and is at present Chairman of the Board of Lethbridge School Division No. 7, and of the Board of Trustees of the Lethbridge Junior College.

Mr. Maurice Hartnett, replacing Mr. A. T. B. Baker, will be one of the two representatives of Agriculture on the Senate. He is General Manager of the Calgary Exhibition and Stampede and the Alberta Live Stock Association.

Mr. Arthur Balfour, Grande Prairie, Alberta, will provide representation from the Peace River district, and will replace Mr. Harold Long of Lethbridge as one of the representatives of Business. Mr. Balfour is Manager of Radio Station CFBP, "The Voice of the Mighty Peace", and is also Governor of District 536 of Rotary International.

College of Dentists, and of the International College of Dentists, and is recognized as an outstanding leader in the practice of dentistry as well as in teaching, research, and administration. In 1955-56, he spent a year carrying on postgraduate study at the University of California in roentgenology and oral diagnosis.

Although Dr. MacLean will not formally assume his post as Dean until September 1, he will be responsible for much of the planning for the coming academic session and for the development of additional facilities in the new wing to be added to the Medical Building next year. In this connection, he has carried out a survey of teaching and research facilities in a number of dental schools in the United States and plans to make further visits in the near future.

Anniversary Issue

An anniversary issue of **The New Trail** is being prepared this year to commemorate the Golden Anniversary of the University. Old pictures of the campus are especially solicited.

Alumni having old "news and views" of general interest to the graduate family are urged to make this material available to the Alumni Office. Copy will be carefully preserved and returned to the sender.

Graduates . . . !

In this issue of **The New Trail** you have read articles that have caught your interest perhaps, or news of current happenings at the University of Alberta which has awakened for you a flood of memories. Before you put it down, we should like to suggest that you pause a moment and make a check:

1. Have you returned that notice concerning your dues?
2. Have you advised the Alumni Office of your change of address, your new position, your marriage, your new addition to the family?
3. Have you contacted the secretary of the Alumni Branch in your locality?
4. Have you a graduate friend who is not in good standing to whom you can pass on your copy of **The New Trail**?
5. Have you considered the matter of Life Membership?
6. Have you any suggestions or ideas for the editor's private ear?
7. Are you doing everything you can to boost the active membership of the Alumni Association?
8. Have you asked yourself: Am I **really** too busy to give my share of time and support to my University?

—Editor

ALUMNI JUBILEE FUND

Have You Made Your Contribution?

Subscribed—\$20,000—

Target—\$25,000

Money For U. of A. Expansion

A total of \$3,824,250 has been set aside in the Alberta works department's estimate for extensions and new buildings for the University of Alberta in Edmonton and Calgary.

\$1,250,000 has been earmarked for a physical education building, \$1,150,000 for the new physics and chemistry building and another \$350,000 for a start on a medical wing in Edmonton. A total of \$1,990,000 is estimated for University Hospital construction work.

Dr. Hardy Appointed To Energy Commission

Dr. R. M. Hardy, Dean of the Faculty of Engineering at the University of Alberta, has been appointed to the six-man Royal Commission on Energy.

The Commission will concentrate its early hearings on Canada's oil, natural gas and pipelines industry, with hearings in western Canada.

Dr. Hardy joined the staff of the University in 1930 and is currently assistant director of research for the Research Council of Alberta.



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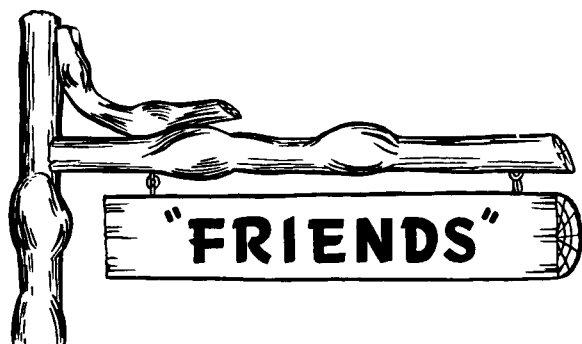
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At a supper meeting held recently in Athabasca Hall, the Friends of the University heard Dr. John MacDonald, former Dean of Arts and Science state that the crucial problem facing Western democracy is not the "building of Sputniks", but whether its people have the "moral and intellectual stamina" to face the impending world crisis.

Dr. Andrew Stewart, President of

the University, in speaking to the group cited two problems faced by Canadian universities. They are increasing enrolment and the lack of students being turned out on the graduate level.

Dr. Stewart said that the over-all enrolment at the U. of A. this year is expected to increase by 500. In the past five years it has been increasing at the rate of 250 to 400 each year.

Alumni Day - - October 29

All day Wednesday, October 29, has been set aside as Alumni and Citizen's day during the week of special celebrations to commemorate the University's Golden Jubilee.

In a report made recently to the Senate of the University, Alumni President Dr. J. W. Chalmers had this to say:

"The Alumni Association is happy to participate in the University's Jubilee activities. It has already undertaken to raise a sum of \$25,000 towards the swimming pool that will be a part of the Jubilee Gymnasium and Physical Education Building. As of today, over 1,400 graduates have donated an amount in excess of \$20,000, and we are confident that when the money is required, it will all be forthcoming.

The Association's first formal recognition of the Jubilee Year of the University was at the Sixth Annual Alumni Homecoming Ball. The Jubilee theme was implemented in the decorations, and in the invitation to Dr. W. H. Alexander to attend as

an honoured guest and receive one of the sterling silver mementos presented to each attending alumnus of twenty-five years standing.

At the meeting of the Council last year, approval was given for the establishment of an annual Alumni Jubilee Award, to consist of a duplicate of the silver memento previously mentioned, but in gold, and suitably engraved. This is to be accompanied by a framed citation. The award will be for service, direct or indirect, to the University of Alberta. The Chancellor has consented to the first presentation of this award being made at the 1958 Fall Convocation in Edmonton.

During the summer, it is planned to publish an anniversary number of **The New Trail**. Present plans for this number are still very tentative, but it will probably consist largely of reprints of significant stories and articles from back issues of **The Trail** and **The New Trail**, and of photographs of historical interest.

Other activities of the Association

\$5,000 . . . to go

—
**MAKE
YOUR
CONTRIBUTION
TO
THE
ALUMNI JUBILEE FUND
TODAY!**

are subject to the approval of the Association's Council at its annual meeting in April. However, we are confident that a number of proposals will be endorsed.

It is planned to hold a Jubilee Tea or reception for summer session students. Heretofore, the Association has never held a function for such people, most of whom are teachers whose studies are carried forward mainly through the summer session facilities. Yet despite their somewhat attenuated connection with the University, they are among our most loyal members.

At the Council meeting, a proposal will be made for the establishment of alumni matriculation bursaries. Preliminary thinking has resulted in the idea that these will be made annually, they will be quite substantial—say \$500—that the number will vary according to the monies available, that preference will be given to the children of University of Alberta graduates, and that they will be based on both need and scholarship.

(Continued On Opposite Page)

7,000 Visitors Tour Campus During Varsity Guest Weekend

A record crowd of approximately 7,000 visitors from points throughout the province visited the University of Alberta's Varsity Guest Weekend. Capacity crowds attended all activities during the annual open house, a unique event in Canada.

Interested parents, friends, and prospective students from as far north as Peace River and as far south as Picture Butte took in the weekend festivities. Also, an increased number of local visitors toured the campus. Approximately 45 buses of high school students made the trip to the university in response to invitations sent out by the weekend committee. There were also several visitors from Saskatchewan, Manitoba, and B.C.

As the public toured the various displays they collected an enormous amount of pamphlet material explaining the functions of the University including the pictorial VGW booklet.

Varsity Varieties attendance smashed all records as capacity crowds filled the auditorium for the three-night performance. The ticket sales exceeded all estimations, as extra balcony space was rented for both Friday and Saturday nights and over 700 people were turned away.

Colourful signs and neatly lettered markers supplied by the signboard directorate directed the crowds around the campus. A sound truck kept the public informed of the "where and when" of events throughout the day.

(Alumni Day Continued)

The final proposed activity is an Alumni Past Presidents' Reception and Dinner, to be held from 5:00 to 8:00 p.m. on Alumni Day, October 29th, during the week of festivities next Fall. This event will be open to all graduates. The suggested program will include presentation of the Jubilee Fund to the University, presentation of honorary Life Memberships, accompanied by copies of Dr. Macdonald's, "**A History of the University**", to the past presidents of the Association, formal announcement of the alumni matriculation bursaries, and a brief talk by the Chancellor."

Alumni Ball

This year there was a double celebration at the University of Alberta's Alumni Homecoming Ball. The University is marking its 50th anniversary and the class of 1933 was especially honoured on its 25th anniversary.

Nearly 700 graduates from throughout Alberta attended.

Golden numerals "50", green and gold candles and a modernistic Sputnik theme, contrasting with old-time cars decorated the ballroom and the dining room.

The gala ball was preceded by many dinner parties, and the president's reception, given by Dr. J. W. Chalmers, president of the Alumni Association, in the crown suite.

Class '33 took the limelight in the grand march, led by their honorary president, Dr. H. R. Thornton. There was enthusiastic applause when a presentation was made to Dr. W. H. Alexander, first academic appointee, and for many years head of the department of classics and dean of the faculty of arts and science at the University. Dr. J. W. Chalmers made the presentation.

A social and professional program were combined when the faculty of dentistry welcomed graduates at a dental clinic and tea on the afternoon of the Ball.

Dr. C. R. Castaldi and his associates, conducted a dental clinic. Dr. Andrew Stewart, President of the University, and Dr. W. S. Hamilton, dean of the faculty, welcomed alumni. Dr. Duncan R. Stewart was committee chairman in charge of the program.

A highly successful post-Ball function was introduced this year. A Saturday morning Coffee Party for the class of 1933 was held at the home of their honorary president, Dr. H. R. Thornton and Mrs. Thornton.

As far as we could judge, every single, solitary member of the class of '33 who signed the guest register at the Ball—and a few additional ones—were at the Thornton's visiting Saturday morning.

This kind of opportunity for the special class to meet and visit could very well become a permanent after-Ball function.

Civil Engineers

Celebrate Tenth Anniversary

Sixteen members of the U. of A. Civil Engineering class of 1948 observed the tenth anniversary of their graduation at the time of the Alumni Homecoming Ball.

Members registered at the Mayfair Golf and Country Club on Friday evening for dinner, after which they attended the Alumni Ball at the Macdonald Hotel.

On Saturday, they met informally for luncheon at the University cafeteria and were conducted on a tour of the Engineering Building. An informal party at the Hillcrest Country Club on Saturday evening culminated the weekend's activities. Class arrangements were made by Mrs. D. E. A. MacKay (née Virginia Webb), the only lady graduate in Civil Engineering in 1948 from the U. of A.

Senator Cameron Chairman Of Commission On Alberta Education

Senator Donald Cameron, Director of the Banff School of Fine Arts will head a six-man Royal Commission established by the Government of the Province to carry out a complete review of all phases of elementary and secondary education in Alberta.

Other members of the Commission are: Mrs. Wilma Hanson, Calgary, past-president of the Federation of Home and School Associations; Mrs. W. C. Taylor, Wainwright, past-president of the Farm Women's Union of Alberta; Professor G. L. Mowat of the University of Alberta; Norman W. Douglas, Calgary, and John S. Cormack, '32, Edmonton lawyer.

The Commission's lengthy terms of reference cover the entire curricular program, efficiency of teaching and supply of teachers, economics of education, and the feasibility of interprovincial standardization of courses and textbooks.

Research work for the Commission has been started by Dr. R. E. Rees, full-time Commission secretary; Dr. R. C. MacArthur, research assistant; and Dr. G. L. Mowat, a member.

Annual Meeting Of The G.A.A.

A meeting of the Council of the General Alumni Association will be held on the campus all day Saturday, April 26, business sessions beginning at 9:00 a.m.

In accordance with the Constitution of the G.A.A.:

"7. (e) Each Faculty, College, or School of the University having a corresponding alumni group recognized by the Council as qualified to represent such Faculty, College, or School shall be entitled to one representative on the Council.

(f) Each Branch or Local Committee of the Association having from 10 to 100 members in good standing shall be entitled to appoint one representative to the Council and to appoint an additional representative for each additional 100 members in good standing, or fraction thereof.

(g) In order to provide representation for graduates in areas of Alberta not served by Branch or Local Committee, there shall be established regional constituencies, each of which shall be entitled to appoint or to elect a representative or representatives, depending on population, to the Council. The Council may from time to time determine by by-law the number of these regional constituencies or alter their boundaries as deemed advisable."

Distribution of Students According To Father's Occupation—1956-57

Professional	535
Business and Finance	936
Industry	1,870
Artisans and Skilled Tradesmen	449
Government Service	267
Retired	396
Deceased	556
Not specified	104
	5,113

ALUMNI FEES

As a paid-up member of the Alumni Association, your \$3.00 helps to provide these things:

1. A \$300.00 H. M. Tory Scholarship, available annually for post-graduate study.
2. Publication of THE NEW TRAIL, official organ of both the University and the Alumni Association, and financed jointly by the two.
3. A large part of the operating expenses of the Alumni Office.
4. Our annual dinner for prospective graduates, their parents and friends, on the eve of Spring Convocation.
5. Grants in aid of Varsity Guest Weekend in February and Activity Night during "Frosh" Week in September.
6. A gold medal awarded annually to the leading graduate in the School of Physical Education.
7. Travelling expenses of executive and University staff members to attend and address alumni branch meetings.
8. An annual dinner for alumni class representatives each spring.
9. Membership in the American Alumni Council.
10. Alumni Council meeting expenses.
11. Many other special projects, e.g., subsidization of coloured films depicting campus activities.

Evening Credit Program and Registrations

In 1956-57, evening credit courses were offered in seven centres: Edmonton, Calgary, Lethbridge, Medicine Hat, Red Deer, Camrose, Vegreville. This was the first year that a course was given in Camrose. Arrangements were completed for a course at Drumheller, but a class failed to materialize.

The salient features of the program are set forth in the following summaries.

Centres, Courses, and Registrations

Centre	Courses Offered	Registration
Edmonton	10	274
Calgary	3	43
Lethbridge	1	18
Medicine Hat	1	24
Red Deer	1	19
Camrose	1	33
Vegreville	1	17
	18	428

Distribution of Students by Faculties and Schools

Faculty or School	Registration
Education	310
Arts and Science	45
Graduate Studies	21
Commerce	8
Agriculture	1
Physical Education	1
Nursing	6
Special	36
	428

In Edmonton, where a relatively large number of courses were available, only about one student in five registered for more than one course—this in spite of the fact that the lecture schedule was arranged so as to meet the probable needs of students who might have wished to take more than one course.

It is probably safe to say that outside the city of Edmonton almost 100% of the students who took courses were teachers. No information is available as to the occupational status of students who took courses at Edmonton, but it is very likely that not less than 90% of these were teachers.

Classification of Students According To Religious Denomination—1956-57

Anglican	621
Baptist	186
Christian Science	8
Church of Christ	12
Church of Nazarene	12
Greek Catholic	90
Greek Orthodox	257
Hebrew	94
Latter Day Saint (Mormon)	102
Lutheran	283
Methodist	4
Presbyterian	150
Protestant (church not specified)	61
Roman Catholic	799
Russian Orthodox	1
Seventh Day Adventist	9
Ukrainian Orthodox	30
United Church	2,001
Others	258
Not specified	135
	5,113

President Stewart Chairman Of Royal Commission On Price Spreads

Dr. Andrew Stewart, University of Alberta president, has been appointed chairman of a Federal Royal Commission to study price spreads between producers and consumers.

The seven-member Price-Spread Commission, named in a Federal Order-in-Council, will set its own procedure, fix its own sittings, and may go anywhere in Canada it deems necessary to obtain information. The order set no time limit for the Commission to report to the Government. The scope of the Commission's inquiry covers the whole range of agricultural and fisheries food products.

The order says the Commission is to "determine whether or not such price spreads in general or in particular cases are fair and reasonable or are excessive in relation to the services rendered".

The Commission is to make recommendations, should the price spreads be found to be excessive, and also to examine the adequacy of price information now being made available.

Working For Higher Education

Most students at Canadian universities and colleges work during the summer to help pay for their studies, judging from a survey of students 1956-57 income and expenditure. However, average earnings for the whole summer would not meet average expenditures for the term.

The survey was made by the Dominion Bureau of Statistics. It obtained returns from 9,992 students in 28 universities and colleges of university grade, two junior colleges, and four classical colleges. The advance figures show an average student expenditure of \$1,215. Average student summer earnings were \$210 per month; on the basis of a seven month term, the student would have, at most, only five months in which to earn, so average income from summer work could not exceed \$1,050, and would be less than average expenditure. By faculties, average expenditure ranged from

Mountains Of Alumni Office Memos . . .



The Alumni Jubilee Fund

Alumni contributions to the Jubilee Fund campaign have exceeded the 80% mark.

Direct contributions to the Alumni Office total \$20,023.88 toward the goal of \$25,000. The average contribution is slightly over \$3.00 above the average \$10.00 donation asked by the Association. About 1,539 graduates, approximately one-fifth of those who could be reached by mail have contributed.

The campaign opened November 6 to raise money for the completion of a campus swimming pool. For every dollar raised by alumni, the Provincial Government, Students' Union, and Friends of the University, are providing about \$100.

Marking the University's 50th anniversary this year, construction

is to begin on men's and women's gymnasiums, an ice rink, and swimming pool, to the west of the Students' Union Building.

The engineering graduates have made the highest contribution to date, with a total donation of \$1,926. Medicine and law follow closely. Campaigns also are being conducted in the 22 alumni branches of the University across Canada. The three leading branches for percentage returns are Toronto, Ottawa, and Winnipeg.

Of the approximately 8,000 reachable graduates, 2,250 are in Edmonton and 1,050 are in Calgary. Two brochures and an anniversary copy of the **Pathfinder**, alumni publication, have been mailed to graduates in connection with the campaign.

\$949 in education to \$1,734 in medicine.

Of all the students, 88% were working during the summer to help pay their way, and 22% also had part-time jobs during the university session requiring on the average, seven hours of their time each week. Cash donations from parents, the

advantages of living at home, borrowings, scholarships, bursaries, and savings were among other ways of meeting the costs.

While DBS has yet to produce a thorough evaluation of the figures, the survey indicates that many students must somehow supplement their own summer earnings if they are to pay for university education.



About 1,600 Canadian delegates of 21 learned societies will gather for conventions at the University of Alberta during May and June.

Guest speakers from points around the globe will be here to address delegates. The program begins May 28, and ends June 16, with conferences of the various groups lasting one to four days apiece.

The largest conference, the Royal Society of Canada, will include 250 delegates. For meetings of the group from June 2 to 4, discussions will centre on the development of the Canadian North-West. Another group, the Canadian Linguistics Association, meets June 12 and 13 in Edmonton. Delegates are expected to discuss the Canadian English dictionary now in preparation by the association.

Other groups will release information on significant research work completed in the past year. All meetings will be held on the university campus, in classrooms and halls. Most delegates are expected to stay in the five campus residences during the conference with meals provided in student cafeterias and dining halls.

Several "western style" social evenings are planned, with the City of Edmonton expected to give at least one barbecue at Lakeview. Some delegates will tour local oilfields while others will make use of scientific research equipment recently added to the campus and the Rutherford Library.

Delegates to the Royal Society of Canada will attend a banquet sponsored by the provincial government on June 3, when the society will distribute medals and fellowships to members of the society and visitors.

Dr. Andrew Stewart, president of the U. of A., is president of one of the 21 groups to meet on the campus, the National Conference of Canadian Universities. The second-largest meeting, with 210 delegates, will be held by the Canadian Political Science Association.

The 21 groups and the dates on which they met, are as follows: beginning May 28 for three days, the Canadian Association of Geographers; June 2 for three days, the

Royal Society of Canada; June 2 for two days, the Canadian Association of directors of Extension and Summer Schools; June 4 for four days, the Canadian Historical Association; June 5 for three days, the Association of Canadian Law Teachers; June 5 only, the Canadian Political Science Association; June 7 for two days, the Canadian Institute of International Affairs; June 7 only, the Canadian Social Science Research Council; June 8 only, the Humanities Research Council of Canada; June 8 and 9, Association of Canadian Schools of Commerce and Business Administration; June 9 for three days, Canadian Conference of Deans and Professors of Education; June 9 for three days, Association of Canadian University Teachers of English, and the Canadian Philosophical Association; June 9 for three days; Canadian Association of University Teachers; June 10 and 11, Humanities Association of Canada, and the Classical Association of Canada; June 11 to 14, Canadian Psychological Association; June 12 and 13, Canadian Linguistic Association; June 12 to 14, University Counselling and Placement

Association; and June 14 to 16, Canadian Association of Slavists.

Joint meetings have been held by Canadian learned societies since 1946, when 11 groups met at Laval University, Quebec. Next year, the 21 groups will meet at Saskatoon.

The University of Alberta Mixed Chorus was heard in its 14th Annual Concert last January in Convocation Hall.

A very different program was presented this year. There were Psalms by Heinrich Schultz, an interesting collection of folk songs by Bela Bartok, and Randall Thompson's *Alleluia*.

For their Spring Tour, it is expected that the Mixed Chorus will journey to the south-central part of the province for their customary 10 nights' performance in as many days.

A power system analyzer capable of duplicating in miniature power systems and affording students an opportunity to solve practical problems, was presented to the University recently. Alberta is the first University in Canada to have such equipment.

Funds for the purchase of the \$100,000 calculator, devised by Brown Boveri (Canada) Ltd., with headquarters in Switzerland, were provided by Calgary Power Ltd.

The presentation was made by Dr. G. A. Gaherty of Montreal, president of Calgary Power, to Dr. Andrew Stewart, U. of A. president.

Professor J. A. Harle, head of the University's Electrical Engineering Department, said the acquisition of the analyzer

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"augments our courses in power generation, power transmission and power utilization, and will enable us to broaden the training of our undergraduate engineers. As well, it will give an essential and more effective training to those students wanting to take graduate work in advanced power."

The new instrument is installed on the second floor of the University power plant building.

Basically, the apparatus is a model of an electric power system. Voltages, currents and other electrical quantities are scaled down in proportion to those experienced on a power system.

Hours of tedious computation will be eliminated by the analyzer. The board is about seven feet high, 21 feet long, and 2½ feet deep.

Two persons will operate it—one feeding the image to the board and the other taking answers at the measuring desk.

A donation of \$2,000 by the Edmonton Civic Employees' Welfare Chest Fund was made available recently to the University of Alberta to aid neurophysiological research being carried on by the Department of Physiology.

The grant will be used to establish facilities for microscopic examination of brain tissue for electrophysiological study of nerve activity. Such facilities and the work to be undertaken could form the basis of further research into the nature of the disease, multiple sclerosis.

The University of Alberta and the Calgary Citizenship Council are co-operating again this year to award bursaries to New Canadians who are seeking a University education. In the 1956-57 session, bursaries totalling \$1,000 were awarded to ten students, in amounts ranging from \$50 to \$200. With one exception, all students assisted in this manner had satisfactory records in their academic work.

For the 1957-58 session, ten more students have been awarded a total of \$950.

Four students at the University of Alberta have been awarded \$500 scholarships offered by Union Carbide Canada Ltd.

Science students Harland Johnson and Robert Forbes of Edmonton and Cary Davids of Ralston and engineering student John MacLeod are among the 12 students from the Prairie Provinces to receive the awards.

The scholarships are valued at \$500 per year for the duration of the student's course. The primary purpose of these scholarships, according to company president, A. A. Cumming, is "to assist toward successful business careers those able students who might not otherwise have the opportunity for a higher education."

Six students taking third and fourth year courses in petroleum engineering in the Department of Chemical and Petroleum Engineering at the University have been selected by an awards committee to receive approximately \$300 each in recognition of their work and scholastic standing.

The distribution is the result of a \$2,000 donation by the McCullough Tool Co., with head offices in Edmonton. The president of the company is I. J. McCullough and Norman Brooks is Canadian division manager. The firm provides services to the oil industry.

The Christmas awards went to R. M. Davidson, third year student, Devon; T. Fekete, fourth year student from Hungary; P. Kraychy, third year student, Redwater; J. Lukacs, third year, from Hungary; I. D. Neilson, fourth year, from Banff; and E. Wichert, fourth year, Barrhead.

Three students who are taking courses in engineering at the U. of A. have been awarded two-year Athlone Fellowships in Britain.

The winners are David A. Markle, a native of Edmonton, fourth year student in engineering physics, W. S. Pawluk, who is taking his final year in chemical engineering and Gerry A. Sovka, also in his graduate year in chemical engineering.

The fellowship winners will leave for Britain in September to begin their courses.

It was announced recently that a grant of \$2,000 per year for two years has been placed with the University by the Ciba Company of Montreal. The grant, commencing this year, will support a research project entitled, "The Significance of Electroencephalographic Changes in Patients with Congenital Heart Disease".

The project will be carried out in the cardiovascular unit of the University

Hospital under the direction of Dr. Robert Fraser and jointly with Dr. K. Monckton, neurologist at the University Hospital.

A dedication service held recently on the campus marked the placing of 625 Bibles in residences and fraternity house by Gideon International.

A blue leather-bound Bible, with an inscription, was presented by Hon. R. D. Jorgenson, Alberta welfare minister and president of the Edmonton Gideon Camp, to Dr. Andrew Stewart, university president, in honour of the occasion.

Widely-known for their work in supplying hotel rooms with Bibles, the Gideons have launched a new phase of their program with the distribution of Bibles to universities.

Dr. W. Scott Hamilton, retiring Dean of the Faculty of Dentistry at the University of Alberta, was honoured recently at the annual graduation banquet of the Dentistry Undergraduates' Society.

A special opportunity for studies in the field of language will be offered at the Summer School of Linguistics, to be held during the regular 1958 Summer Session of the University of Alberta, July 21-August 15. Sponsored jointly by the Canadian Linguistic Association and the University, eight courses dealing with various aspects of language will be offered.

This is the first extensive program of linguistics studies undertaken in Western Canada. It was organized to meet an increasing demand for linguistically trained teachers, scholars, and governmental personnel, and to promote the scientific study of language. University students, teachers, civil servants, and missionaries from various points across Canada are expected for the six-week session.



"PLANE TABLING"

April 7th marked the opening of Survey School. The engineers with hip boots and plaid shirts took over. As a foretaste of Spring, your editor from his eyrie in the Students' Union Building was again treated to all the intricacies of "plane tabling".



'20

Roland Michener, Rhodes Scholar from the U. of A., is Speaker of the House of Commons and, according to a recent review by a Canadian Press staff writer, is making a splendid job of it.

Mr. Michener is Canada's 28th Commons Speaker since Confederation. In his 1945-48 career in the Ontario legislature as member for Toronto St. David's, he spent most of his time as provincial secretary in the Progressive Conservative government under George Drew.

In 1949, Mr. Michener tried unsuccessfully for the Toronto St. Paul's seat in the federal election. He won it in the 1953 election, and was returned in 1957.

'21

H. A. Kostash, **Fred Hannochko '32**, and **E. D. Hodgson '48**, have been named officers of the Alberta School Inspectors' Association.

U. of A. graduates among the new Benchers, or ruling body, of the Law Society of Alberta are: **Hugh John MacDonald**, **George S. Bryan '23**, **J. H. Prowse '38**, **W. A. McGillivray '40**, and **A. F. Moir '42**.

'22

Former chief superintendent of schools for Alberta, **W. E. Frame**, has been appointed regional inspector of Indian schools for southern Alberta, officials of the federal Indian affairs branch announced recently.

His headquarters will be in Edmonton.

Mr. Frame retired from the provincial government service on September 30 of last year. He had been chief superintendent of schools for 11 years.

A native of Lethbridge, Mr. Frame joined the department of education in 1928 as a school inspector. Prior to joining the department, he was a Calgary high school teacher.

'23

Your editor was very pleased to receive a substantial contribution to the Alumni Jubilee Fund from **Dr. Andrew Cairns**, now associated with Interoceanic Commodities Corporation of New York, and making his home at 1 Stonehouse Road, Scarsdale, New York.

'26

Dr. James B. Collip, dean of medicine at the University of Western Ontario, is retiring from his position as director of the division of medical research of the National Research Council of Canada, a post he has held for 10 years.

Dr. Collip, who taught biochemistry at the University of Alberta for 13 years, is most famous for his work in purifying insulin from the crude extract of pancreas previously used in treating diabetes—the first in a series of major achievements concerning hormones.

During his 19 years at McGill University, he accomplished the difficult problem of extracting a hormone from the parathyroid, a very small gland. This hormone is valuable in cases of parathyroid insufficiency.

Dr. Collip is a Fellow of the Royal College of Physicians of London, an honorary Fellow of the New York Academy of Medicine, and a Fellow of the Royal Society of London.

In 1941, he became Chairman of the Advisory Committee on Medical Research of the NRC and in 1947 was made director of the new division of Medical Research, NRC, and, in the same year, Dean of Medicine at the University of Western Ontario.

The New Year's list of Queen's Counsel appointments contained the names of eight Alberta graduates. They are: **E. E. Cross**, **F. W. Barclay '31**, **J. S. Cormack '32**, **E. E. Bishop '34**, **A. F. MacDonald '36**, **B. C. Whittaker '36**, **Alexander Smith '40**, **W. J. Haddad '41**.

Appointment to the Supreme Court of Canada, the country's highest tribunal, is a rare distinction. In receiving it, **Ronald Martland**, a former Alberta Rhodes Scholar, is to be congratulated very warmly indeed. He is the first citizen of Edmonton to be given such an appointment, which is all the more to his credit. He will fill the vacancy left by the death of Mr. Justice

(On The Campus Continued)

Leading linguists from Eastern Canada and the United States will join language specialists of the University staff to make up the Faculty of the Summer School of Linguistics. Professor Martin Joos of the University of Wisconsin, one of the foremost linguists on the continent, will lecture on modern English Grammar. A course on Linguistic Geography, which will include a study of English spoken in Alberta, will be given by Dr. W. S. Avis of the Royal Military College, Kingston, who is also secretary-treasurer of the Canadian Linguistic Association.

Four hundred and twenty-five adults registered for non-credit evening courses at the University of Alberta according to figures released recently by the Department of Extension.

Three or four of the 32 scheduled courses have been dropped because of insufficient registration, the Department stated. The program for logic in theory and practice shows the highest registration, 50, while effective reading follows with more than 40. Psychology of personal and social adjustment and conversational French show the next highest enrolments.

Among the discontinued courses are silk screen and Bach and Handel. Edmonton offers one set of evening courses in the autumn and another in January. The first

evening programs began in Calgary this year.

Students planning to attend summer session courses at the University of Alberta must complete advance registration forms by April 30, according to an announcement by Dr. John Gilles, director of the program.

A total of 106 lecturers, including 40 staff members from other universities and schools have been chosen for the session. Classes begin July 3 and end August 15, with preliminary examinations in all courses July 7. Study outlines will be mailed after advance registrations are approved, and textbook reading is required before July.

Most summer session students seek credit towards a degree or diploma, and the majority are teachers. About 250 bursaries of \$100 each are available to undergraduate students planning to teach in senior high schools in Alberta.

An entomology professor at the University, Dr. George E. Ball, is the 1958 president of the Entomological Society of Alberta.

Composed of persons interested in entomology, the Society's object is to foster the advancement, exchange and spreading of knowledge of insects as they affect agriculture, forestry, public health, and industry.

H. G. Nolan of Calgary, who was the first Alberta member of the court.

Dr. E. J. Thompson, principal of St. Stephen's College was re-elected president of the Alberta division of the Canadian division of the Canadian Diabetic Association at a recent meeting.

'27

Dr. P. H. Sprague delivered the welcoming address at the opening session of a prairie regional meeting of the American College of Physicians held recently in Banff. Dr. Sprague is governor for Alberta.

Dr. Loris S. Russell, director of the Natural History branch, National Museum of Canada, has been invited by the University of Alberta to take part in a week-long celebration to be held this fall marking its 50th anniversary.

Dr. Russell will speak at an open meeting on the campus on October 30. His subject will be, "The Rise and Fall of the Dinosaurs", with special emphasis on those of Western Canada.

He is one of several distinguished speakers the University is inviting to mark the anniversary during the week of October 26-31.

'32

Hugh H. Beach has been appointed Assistant to the Vice-President of The Texas Company's Domestic Producing department, with headquarters in New York.

The Board of Management of Medical Services (Alberta) Inc., announced the appointment of **Dr. S. M. Schmaltz** as General Manager of the corporation. Dr. Schmaltz has served as Director of M.S.I., since April, 1955. Prior to this he was practicing in the city of Lethbridge.

'34

Arnold W. Platt was recently re-elected to his third term as president of the Farmers' Union of Alberta. The former Lethbridge agriculturist was first elected in 1955 to succeed Henry Young Millet.

'35

R. E. Maybank and his committee of the Alberta Pharmaceutical Association are now making plans for a national convention to be held in Edmonton this summer. **D. M. Cameron '48**, was recently appointed register of the A.P.A.

The national convention will draw members of the Canadian Pharmaceutical Association across the dominion. Meetings also will be held during the same convention week of the Canadian Foundation for the Advancement of Pharmacy, Canadian Society of Hospital Pharmacists, and the Canadian Conference of Pharmacy Faculties.

'37

Dr. Neil Campbell, outstanding Canadian

DEATHS

Kenneth C. Mackenzie '27, passed away recently in Toronto. Mr. Mackenzie was a graduate in honours English from the University of Alberta and was active in sports, playing football and tennis on the campus. Since World War II he had been engaged in personnel work and industrial relations, first with the Ontario Hydro Electric Company and latterly with A. V. Roe.

A. B. McKim '31, principal of an Edmonton high school, died of a heart attack recently.

Michael H. Ponich '38, former Social Credit member of the Alberta legislature for Vegreville, died in Edmonton recently following a lengthy illness.

Professor Ibrahim F. Morrison, LL.D. '53, a long-time member of the staff of the Engineering Faculty at the University of Alberta, died suddenly in hospital recently. Since his retirement from the University in 1954 as head of the applied mechanics branch of the Engineering faculty, Dr. Morrison had been a consulting engineer for the City of Edmonton.

MARRIAGES

Mrs. Wilfred Archibald (née Catherine Jackson) '39 to Mr. Noel Iles '51.

Miss Audrey Carlson '57 to Mr. James Shipka '57.

Miss Verna Craddock '51 to Mr. Donald Pinckston.

Miss Sonia Dubsy to Dr. Garry Brody '54.

Miss Dawn Eckert '51 to Mr. Brian Chubb.

Miss Yvonne Hale '56 to Mr. John Sherman '56.

Miss Jane Hall '57 to Dr. Glen Edwards '54.

Miss Winnifred Macdonald '55 to Mr. Henry Meeker, Jr.

Miss Olga Mendryk '56 to Mr. Stanley Wiskel '56.

Miss Mary Michael '56 to Mr. John Harle '53.

Miss Jean Miller to Dr. Henry Shimizu '54.

Miss Lillian Sather to Mr. James Dockery '51.

Miss Joyce Schon '55 to Mr. Alfred Lorenzo '56.

Miss Noreen Thomas to Mr. George Porozny '52.

Miss Agnes Walker to Mr. Joseph Stanford '56.

geologist, was guest lecturer recently at the U. of A.'s short course in prospecting. Dr. Campbell spoke on mining and exploration trends in Western Canada.

Dr. William Orobko has been elected chairman of the Alberta Board of Health for 1958.

John Decore, former member of parliament for Vegreville has been elected leader of the Liberal Association of Alberta.

Mr. Decore practiced law in Vegreville for several years, and since his retirement from federal politics in June has moved to Edmonton where he was associated with the law firm of Decore, Koshuta, Sully and Broda. At one time, he was parliamentary adviser to the Canadian U.N. delegation.

James S. Saks has been appointed sales manager of Trans-Canada Pipe Lines Limited. Mr. Saks joined Trans-Canada in April, 1954, as assistant to the president and assistant secretary of the company. He was appointed manager of gas supply in the Calgary office in the fall of 1955, and has

taken a prominent part in the negotiation of contracts with the producers for long-term supplies of gas.

The appointment of **J. F. M. Douglas** as Assistant Manager, Market Research Division of The Consolidated Mining and Smelting Company of Canada Limited was announced recently.

Mr. Douglas was formerly Administrative Assistant, Montreal, a position he had held since September, 1955, when he was transferred from Trail, B.C., where he had been employed in various operating and administrative capacities since joining the Company in 1937.

'38

George L. Crawford has been appointed general counsel and director of Glenbow Investments Limited, Western Minerals Ltd., Glenbow Foundation and Harvie Foundation, and Western Chemicals Ltd. President of the first three companies, and Chairman of the Board of the last is **Eric L. Harvie, Q.C., LL.D. '16.**

Mr. Frank W. Wootton was organizer and chairman of a model U.N. general assembly program held recently on the campus and attended by 55 delegates from high schools and colleges throughout the province.

W. J. Beaumont is a newly-appointed magistrate in Edmonton's traffic court.

A native of North Wales, he has practiced law in Alberta since admittance to the bar in 1938. He was appointed Queen's Counsel in 1955.

'39

The Edmonton committee of the Canadian Conference on Education was headed this year by **J. C. K. Madsen**, a former president of the General Alumni Association. The Conference, held in Ottawa, was sponsored by 19 national organizations representing 2,000,000 Canadians. Its impetus came from parents, industry, and labour.

'40

A. C. Patterson, Edmonton Parks Superintendent for ten years, recently resigned from office. He plans to establish a commercial nursery at Kelowna, B.C.

Mr. T. W. Peters, a member of the University of Alberta's soils department and recently returned from Afghanistan was one of twelve FAO experts in that country amongst a group of about 60 United Nations personnel. Mr. Peters was technical advisor on irrigation to the government.

An interesting note from **Beth Shortliffe** has helped to bring us up to date on several graduates. **Jack Neilson '41**, visited the Shortliffes before Christmas. Jack is Dean of the Dental School at the University of Manitoba. **Dr. Frank Foxlee '42**, is living in Westport Connecticut. **Bruce Rankin '43**, and family are expected home on leave from Switzerland this summer.

'41

Last summer, **Dr. R. H. Douglas** directed a group of farmers, radar operators, and cloud photographers in hail storm study in Alberta. He was one of several McGill staff scientists who continue to be busy the year around checking hail reports of Alberta farmers with the aid of a complicated "synthesizing" machine.

We are indebted to a recent copy of **The Star Weekly**, Toronto, for an interesting story on the **Rev. Winnifred Bridges** who has "proved to the Northern Ontario community of Swastika and other hamlets in the region that a lady minister can be just as effective as the more usual male spiritual advisor.

"When she took over her post at Swastika United Church in July of 1956, Miss Bridges found a congregation seriously divided on the principle of ladies in the pulpit. Today, in Swastika and the outlying northland villages of Boston Creed, Wavell, Sesekenika, Bourkes and Hough Lake, the 160 families she serves will tell

you the energetic ex-chemist is doing a fine job.

"Capable in the pulpit, tireless in her work with church organizations, Miss Bridges braves the rigors of the north country weather and the rugged conditions of its roads to accomplish the work she has chosen.

Now 36, the lady minister graduated from the University of Alberta at 19 with a science degree. Engaged in public health work in Winnipeg and Toronto, she made her decision to become a minister after extensive activity with young people's organizations and was ordained in 1956."

'42

A native of Edmonton, **Dr. Charles G. Farmilo**, 39, was the only Canadian delegate and a key figure when the committee of experts for the United Nations program on opium research opened in Geneva in January.

He is chief of the organic chemistry and narcotic section, food and drug directorate, of the department of national health and welfare in Ottawa.

Dr. Farmilo also visited universities and laboratories in various European cities to confer with those engaged in narcotic research.

Mervin H. Jaque has been appointed assistant district agriculturist at Grande Prairie.

We had an unexpected visit recently. **Dr. Bradley Pett**, Chief of the Nutrition Division and Nutrition Consultant, Department National Health and Welfare, dropped in to say "hello" on his way home from Vancouver.

Norman E. Laycraft, an employee of the federal department of public works for the past 15 years, has been appointed chief of the department's testing laboratories at Tunney's Pasture in Quebec, it was announced recently.

'44

The first Japanese-Canadian to be granted a Fellowship to the American College of Surgeons is an Alberta graduate.

Dr. Yoshitaro Yoneda was among the five Edmonton surgeons who were appointed Fellows at the recent 43rd annual clinical congress of the American College of Surgeons in Atlantic City, New Jersey.

Dr. Yoneda was also the first-Japanese-Canadian to be declared a Fellow of the Royal College of Surgeons of Canada. Both fellowships were for work in obstetrics and gynecology.

Other Edmonton doctors who received American College Fellowships were **Dr. R. E. Jespersen '32**, general surgery; **Dr. J. C. Callaghan**, cardio-vascular surgery; **Dr. Donald Bell '44**, obstetrics and gynecology, and **Dr. G. W. Cameron**, orthopedic surgery.

'45

Dr. Ralph W. Edie, Calgary geologist, addressed the Edmonton Geological Society recently on Mississippian sedimentation and oil fields in southeastern Saskatchewan.

Time magazine has this to say about the Rubin brothers: "Toronto Builder **Alex Rubin**, 35, and his brother **Harry '46**, 33, can boast an A-to-Z business career—Alger to Zeckendorf. In the approved Horatio Alger manner, the Rubin brothers came of a poor family (Polish immigrants), scrimped to get to college, founded their own shoestring contracting firm five years ago. Today each is a millionaire, and they are among Canada's biggest builders in a specialized line, the construction and leasing of plants for industry. Last week, the Rubins joined forces with Manhattan Realty Impressario William Zeckendorf's Webb & Knapp (Canada) Ltd., boldly announced plans—in the Zeckendorf manner—to expand into low-rent housing and commercial building across Canada.

'46

Saskatchewan Cement Company Limited recently announced the appointment of **E. J. Cuyler** as Sales Manager. As such, Mr. Cuyler will assume responsibility for the sales and marketing program of the company.

'47

West Edmonton Progressive Conservatives recently chose **Marcel Lambert** as their candidate in the March 31 federal election and pinned their hopes on a repeat of his performance last June.

Mr. Lambert, former Alberta Rhodes Scholar, served as parliamentary assistant to the minister of national defence in the last Parliament, and was the unanimous choice of some 300 persons attending the nominating convention.

Dr. W. R. N. Lindsay has been made a Fellow of the Royal College of Physicians and Surgeons of Canada. It was announced that his recent paper on Fractures of the Os Calcis has been selected by the American Association for Trauma, a section of the American College of Surgeons, as the winner of its annual essay competition for original work in the field of trauma. This competition is open to surgeons in the United States and Canada.

Hon. A. Russell Patrick, minister of economic affairs, has been appointed chairman of the Alberta Research Council, it was reported recently. He succeeds Hon. Gordon Taylor, minister of highways, who has headed the Research Council since 1954.

Mr. Patrick, who represents the Lacombe constituency in the Legislature, has been a member of the cabinet since 1955.

'48

A graduate in household economics from the U. of A. has recently been promoted to the rank of squadron leader by the RCAF. **Sqdn. Ldr. Laura Johnson** is at present officer in charge of the school of food services at RCAF Station, Clinton.

A news service release from the University of Minnesota recently included the name of **Paul Melnychyn**, now a doctor of philosophy from that institution.

Former private secretary to Rt. Hon. Louis St. Laurent when he was Prime Minister of Canada, and later acting in a similar capacity to Hon. Lester B. Pearson, national leader—**Dr. Dale C. Thomson** is the Liberal nominee for the Jasper-Edson riding in the March 31 Federal elections.

J. Allison Forbes, assistant professor of art in the Faculty of Education at the University of Alberta, has been named a member of the national executive of the Canadian Society for Education through Art. Mr. Forbes will direct research for the organization.

Promotion of three Edmonton officers of the RCAF reserve from the rank of flying officer to flight lieutenant has been announced recently.

The three are **Flt. Lt. Edward N. Simbalist**, **Flt. Lt. Ian McDonald Nicoll**, and **Flt. Lt. J. L. Moffatt** '49.

Donald D. Dick, formerly chief civil engineer of Power Corporation of Canada, Limited, has been appointed Vice-President and General Manager. Mr. Dick has served in various engineering capacities during the design, construction, and maintenance of pulp and paper mills and power projects in Western Canada.

'49

J. B. (Benny) Smith, who hadn't been back on the campus since graduation, called in to the Alumni Office some time ago while he was in Edmonton. Needless to say, he found quite a few changes. Benny now makes his home at 49 Hutchinson Avenue, Ottawa, Ontario.

'50

Dr. J. B. Lebeau has been appointed officer in charge of the plant pathology laboratory Science Service, Canada Agricultural Station, Lethbridge.

'51

The merchandising of school and auditorium furniture for E.S.A. (Canada) Limited, Elmira, Ontario, has claimed the attention of **John Rodney**. John writes us, "Since leaving the flock in '51, I have been associated with several enterprises, finally joining the present firm in the latter part of last year. E.S.A. (Canada) Limited manufactures a full range of classroom furnishings, including students' desks, tables, laboratory equipment, etc., and in addition, supplies other items for classroom interiors."

'52

Some people have all the luck.

The **Angus Leitchs** have taken up residence in Rosemead, California, and in a letter Theresa comments, "We make the fifty-mile trip to Laguna Beach most Saturdays and enjoy the swimming and the inevitable sunshine. Next week, Angus will be going to Catalina Island for the opening of the lobster season, while Ian and I stay home with our fingers crossed in eager anticipation.

"There are a great many U. of A. graduates in this neck of the woods. We see a lot of Lena and **Eric Eichmann**, and their little Eric who is now four, especially on the beach trips as Eric is an enthusiastic skin diver. It was he who interested Angus in the sport. Eric graduated from the U. of A. in Civil Engineering in 1952, then went on to the University of Illinois to get his M.Sc. We also visit often with Liz and **Maurice Seneshen** (B.Sc. in Engineering '53) and with **John Bailey** '55, so we have plenty of opportunity of recalling the 'good old days'."

John Chernochan has been appointed manager of the Edmonton branch of the Pay-n-Save Drugs Ltd.

A leading Canadian industrialist, **H. Ray Milner**, and holder of an honorary LL.D. from the University of Alberta, recently received the highest office of the University of which he is a graduate. A special convocation of the University of King's College in Halifax installed Mr. Milner as its Chancellor.

Mr. Milner succeeds the late Lionel A. Forsythe as head of the oldest university in the Commonwealth, outside of the United Kingdom.

'53

David Darwish recently received his Ph.D. in chemistry from the University of California. He is currently doing one year post-doctorate research at Harvard University in Cambridge, Mass.

Bruce Haack flew to Calgary from New York recently to take the piano part with the Calgary Philharmonic Orchestra when his composition "Windsong" was played for the first time in Canada.

Next summer, "Windsong" will be presented as a ballet at the World's Fair in Brussels, Belgium, by the Ballet Company of the Palais de Beaux of Charlerlo, Belgium.

Bruce has just signed a contract with the Valendo Music Corporation of New York and Hollywood as a staff composer, and is presently working on his first assignment, a record album which he hopes to complete by March. Castings for demonstrations will commence immediately and the album will probably be released this year.

A 24-year-old Calgary geophysicist is eager to take up the challenge thrown out by pilot George Farnham who is looking for a person with stamina, courage, and \$1,500.

William Taylor read in a Calgary newspaper of Mr. Farnham's desire to find a young man willing to leave on a one-year expedition to the mysterious lands of the Incas, in South America's wild Andes mountain area.

"I fly a plane, have mountain climbed, have the money, and can't think of anything more exciting and adventurous," said Mr. Taylor.

'54

Appointed as acting district superintendent for the CNR department of colonization and agriculture at Edmonton, **H. Frank Campbell** has taken over his new duties.

Formerly assistant district agriculturist for the provincial department of agriculture at Red Deer, Mr. Campbell joined the CNR staff last spring.

Victor Buyniak, who majored in Russian and received his M.A. degree at the U. of A., was recently appointed Assistant Professor of Russian in the Department of Slavic Studies at the University of Saskatchewan. Victor has been working on his Ph.D. thesis at Columbia University in New York.

Richard Harington, one of the first graduates in geography from the University of Alberta, is spending the winter on the northern part of Ellesmere Island, as the senior member of a party of four young geographers employed by the Defense Re-

(Continued On Page 28)

THE COVER

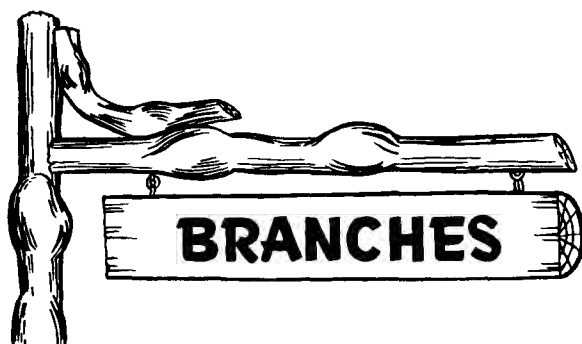
In this Golden Anniversary year of the University, it is interesting to reflect on what might have been.

In 1912, **Percy E. Nobbs**, architect, now of Montreal, and **Frank Darling**, consulting architect, prepared a general view of the campus looking north. The original drawing, revised somewhat in 1915, and re-photographed for our front cover, has been retained in the President's office.

Looking from right to left—a guess was made at the High Level Bridge, spanning the North Saskatchewan. It was then still in the drafting stage. The Arts Building, without tall tower (centre, right) meets the location of today. The Medical Building (foreground, right) has a similar look about it, but general design was changed. The centre quad with interlacing sidewalks looks much the same as we know it. The residences, left of quad, have a definite similarity.

Several notable differences, past and present are: the flat domed building at the north end of the quad was to have been Convocation Hall; the row of buildings back to back with the present residences was to have been a second battery of residences; the Buckingham Palace fence and gates, centre foreground, and monument circle, centre, did not materialize.

It is interesting that after more than 40 years, the main avenue of approach to the campus, up 112th Street to the Arts Building has, in the past year or two, reverted to the original conception, north on 114th Street to 89th Avenue, as shown.



Victoria

One of our most enlightened Alumni Branches and certainly one which keeps us very well informed about their activities, the Victoria unit has two developments to record for this issue.

They now have a nominating committee of Burns Scott, Jack MacIntosh, and Dorothy Turner who will be bringing in a slate of new officers at the next meeting.

In February, members were entertained by Oliver Prentice who showed two interesting films, "A Long Tow Across the Pacific" and "Self-Unloading Log Barges".

Vancouver

We were very happy to be able to arrange for Dr. Jack W. Chalmers, Alumni President, to attend the annual reunion tea held in Vancouver on March 23. Everybody met in the Ward Room of HMCS Discovery and from all accounts it was a splendid occasion. About 50 graduates and their wives turned out to renew old acquaintances and hear Dr. Chalmers' account of developments on the campus and within the General Alumni Association.

Medicine Hat

We have just received an invitation from Ruth Sellhorn, branch secretary, to attend their annual garden party for high school

graduates this spring. It will be held on Sunday, June 1, and we are looking forward to meeting with Alumni in the "Hat" and the young high schoolers, many of whom will be making up their minds as to whether or not they should go on to University for further study.

Some little time ago, Professor H. G. Glyde of the Art Department of the University delivered a lecture in Medicine Hat which was jointly sponsored by the Community Art Classes, the Medicine Hat Branch of the U. of A. Alumni Association, and the University Women's Club. His subject "Fifty Years of Canadian Art". He was enthusiastically received by a large audience.

Camrose

A banquet and dance for alumni and their spouses is scheduled for Friday, April 11. Professor Wilfred Pilkington '33, of the Faculty of Education at the U. of A., will be guest speaker.

Some very interesting and energetic arrangements have been made by the Branch executive under the direction of Stan Hambly, Superintendent of Schools. Certainly, the Alumni Office has had a good deal of promotional correspondence with the Branch Secretary Mel Bakken and Branch Treasurer, Miss Genevieve Moreau.

(Alumni Continued)

search Board of Canada. Their winter quarters, situated about 2,000 miles northwest of Edmonton, will be only about 600 miles from the North Pole. During the long Arctic night, the members of the party will make detailed meteorological observations and records in connection with weather studies.

Three of the young geographers, John Powell, Ian Jackson, and D. Ingle Smith, have recently come from England to carry on graduate study at McGill, where Mr. Harington is also registered as a graduate student.

'55

C. A. Noble has been appointed lecturer in Civil Engineering at the University of Saskatchewan.

Alan L. Lister, a U. of A. pharmacy grad-

uate, has been appointed resident pharmacist at the Jefferson Medical College Hospital, Philadelphia.

The one-year course is offered jointly by the Jefferson Hospital and the Philadelphia College of Pharmacy and Science, and he is the first Canadian to be accepted.

On completion, a diploma in hospital pharmacy is awarded. The course includes lectures in hospital pharmacy administration and field trips to other leading hospitals in the area. Mr. Lister attended the meetings of the Pan American Congress of Pharmacy and Biochemistry in Washington, D.C., and also the Parenteral Association meeting held in New York recently.

'56

Dr. Hal M. Freeman is taking postgraduate work in ophthalmology at Harvard Uni-

versity on a \$2,000 scholarship.

One of our most distant graduates, Antony Santiago, now in Malaya, found time to prepare a cyclostyled Christmas greeting. We were very pleased to receive a copy of it in the Alumni Office for it contained several interesting comments about life and times of the writer. Antony goes on to say,

"After an extensive tour of cities and universities in the Eastern U.S.A., I flew to Trinidad to the Imperial College of Tropical Agriculture, there to specialise in Cacao breeding. I had the opportunity to fly over to British Guiana in South America for a ten-day agricultural tour. In June, 1957, I left Trinidad by plane to London where I spent a week after which I flew to Colombo where I got down and flew to South India to visit my folks for twelve days. Finally, I flew back to Colombo and thence to Singapore. Every bit of my tour was exciting, educational, interesting, comfortable, and, thank God, without any unpleasant incidents.

"I am now a plant breeder at the Federal Exploration Station, Serdang, Sungei Besi, Federation of Malaya, and I am working on cacao and oil-palms, both perennial and important crops for Malaya. Even if I work for a lifetime on these perennial crops, I would scarcely see a fraction of my achievements in this life, but I would have done something anyway for my successors to take over.

"My work takes me all over Malaya by plane, rail or car and, of course, by foot, because our experimental plots are laid all over the country. I have been given a loan to buy a car and it's a Morris Minor 1000, and it suits me very well.

"I am given a three-roomed house in the station, and it has an acre garden which keeps we away from wool-gathering or mischief.

"As for my matrimonial prospects—the time, the place, the girl, and circumstances have not come together yet. They may one fine day."

Marjorie Underwood embarked recently on a ship for India where she will join the staff of a Foreign Mission School. She will study the Telugu dialect at Kadinada, South India, before being stationed in the State of Andhra on the east coast.

Earl R. Milton, a postgraduate student at the University of Alberta, has been awarded a \$1,200 fellowship for advanced research in the field of chemistry, it was announced recently by Canadian Industries Limited.

Mr. Milton received one of 17 fellowships offered to students in universities across the country by CIL. Each fellowship award is accompanied by an additional maintenance grant to the university concerned.

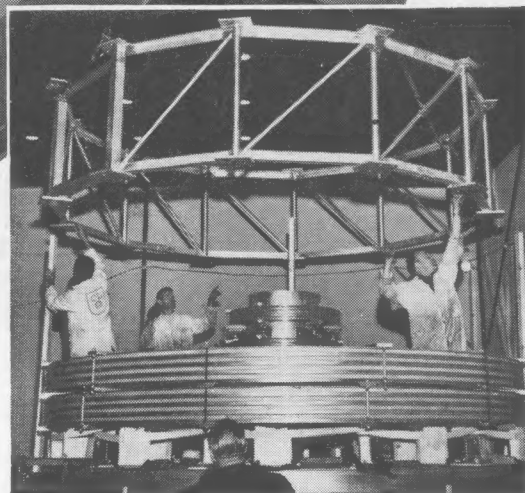
another
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nucleonic
ACHIEVEMENT



CA58-NU-24 CT

Above
Precision winding
of a coil section for
the Beta-ray Spectrometer
constructed by CANADAIR for
Atomic Energy of Canada Limited,
at Chalk River, Ontario.

At right
Beta-ray Spectrometer being prepared for shipment.



Canadair's Nuclear Division has successfully applied its engineering and development facilities to the design and construction of the Coils for the generation of the magnetic field in a large Beta-ray spectrometer recently delivered to Atomic Energy of Canada Limited. The spectrometer is used to determine the energy spectrum of Beta-rays emitted from radioactive sources. The large source area, good resolution and high transmission of this $\pi\sqrt{2}$, iron-free, double-focusing spectrometer provide the opportunity of making measurements not previously possible in the field of Beta-ray spectroscopy.

The comprehensive range and accuracy of this spectrometer are in large part the result of adherence to extremely close dimensional tolerances by Canadair's team of nuclear scientists and engineers. Moreover the electrical insulation requirements demanded rigorous control of environment and workmanship.

Canadair designs and manufactures reactors and their components, as well as specialised physics instruments to most exacting specifications: its nuclear division is always available for advice on problems and invites your enquiries.

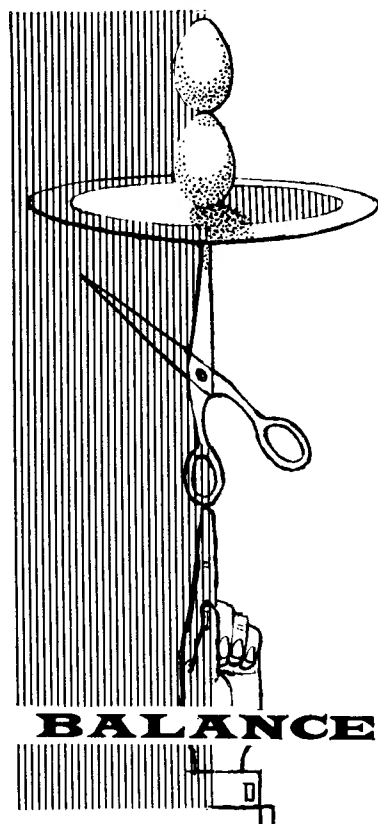
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